

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

ORIGINAL

FIELD NOTES

OF

THE DEPENDENT RESURVEY OF
A PORTION OF THE NORTH BOUNDARY

AND

A PORTION OF THE SUBDIVISIONAL LINES

IN

TOWNSHIP 32 SOUTH, RANGE 6 WEST,

OF THE SALT LAKE MERIDIAN
IN THE STATE OF UTAH

EXECUTED BY

Jeremy D. Davis
Cadastral Surveyor

Under Special Instructions dated and approved *June 20, 2014*, which provided for the surveys included under Group Number *1257*, and assignment instructions dated *June 20, 2014*.

Survey Commenced, *July 22, 2014*
Survey Completed, *September 16, 2014*

INDEX DIAGRAM

TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

4	3				
6 8	5	4	3	2	1
8	7				
7 7	8	9	10	11	12
6					
18 5	17	16	15	14	13
5					
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

The following field notes are those of the dependent resurvey of a portion of the north boundary, and a portion of the subdivisional lines, in T. 32 S., R. 6 W., Salt Lake Meridian, Utah.

HISTORY OF SURVEYS

Surveyed by			Retr. or Resurveyed by	
SOUTH BOUNDARY				
All	A.J. Stewart Jr.	1873		
Portion			J.R. & Q. Stewart	1910
Portion			R. Gentry & C.J. Terry	1920
Portion			L.V. Judd	2004
EAST BOUNDARY				
Portion	A.J. Stewart Jr.	1873		
Portion	J.R. & Q. Stewart	1910		
Portion			R. Gentry & C.J. Terry	1920
Portion			W.H. Sylvester	1960
WEST BOUNDARY				
All	A.J. Stewart Jr.	1873		
All			J.R. & Q. Stewart	1910
Portion			L.V. Judd	2004
NORTH BOUNDARY				
All	A.J. Stewart Jr.	1873		
All			J.R. & Q. Stewart	1910
SUBDIVISION				
Portion	A.J. Stewart Jr.	1873		
Portion	J.R. & Q. Stewart	1910	J.R. & Q. Stewart	1910
Portion			L.V. Judd	2004

TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 2009, and the Special Instructions for Group No. 1257, dated June 20, 2014.

The direction of each line is with reference to the true meridian, determined by Global Positioning System (GPS) utilizing Real-Time Kinematic (RTK) techniques throughout the survey. The positional accuracy of this survey complies with the *Standards for the Positional Accuracy of Cadastral Surveys when using Global Navigation Satellite Systems (GNSS)*, dated February 23, 2009. Trimble model R8 GPS receivers were used for field collection. Cadastral Measure Management (CMM) software was the primary software utilized for project calculations.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data was thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from GPS static observations; post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS); DN7504 SGU1 ST GEORGE PUTIL CORS ARP, AI8805 FRED FEDONIA CORS ARP, AI8817 ECHO ECHO_BRGN_NV1999 CORS ARP.

The geographic position of the corner of sections 18 and 19 only, as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **38°00'49.574" N.**,
Longitude: **112°34'19.074" W.**, N.A.D. 83 (2011), Epoch: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence

The geographic position of the corner of sections 6 and 31, Townships 31 and 32 South, Range 6 West, as determined by direct RTK methods from the geodetic control, is as follows:

Latitude: **38°03'26.927" N.**,
Longitude: **112°35'24.090" W.**, N.A.D. 83 (2011), EPOCH: 2010.00,
Network Accuracy = 0.200 meter at 95% confidence

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY
TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Dependent Resurvey of a Portion of the North Boundary
Township 32 South, Range 6 West, Salt Lake Meridian, Utah

Reestablishment of the Survey Executed by A.J. Stewart Jr. in
1873 and the Resurvey Executed by J.R. & Q. Stewart in 1910

Beginning at the 1/4 section corner of section 5 only, on the north boundary of the township, monumented with an iron post, 1 inch diameter, firmly set, leaning 45° in a large mound of stone, 5 ft. base, with brass cap marked as described in the official record of the 1910 resurvey.

Rehabilitate the iron post and mound of stone, 5 ft. base, to top of brass cap.

Found a trachyte stone, 12x8x6, marked 1/4 on face. Deposit this alongside the iron post.

Remove the marks "S32" and add the date "2014" to the brass cap.

Corner falls on a gradual southwest slope in piñon and juniper.

N. 88°25.0' W., on the north boundary of section 5.

- 36.617** The closing corner of sections 31 and 32, Township 31 South, Range 6 West, monumented with an iron post, 2 inches diameter, firmly set, leaning 45°, projecting 20 inches above the ground, with a mound of stone 3 ft. base, 1 ft. high, to the north, with brass cap marked

```

T31S R6W
  S31|S32
  ---
    C C
S6 S5
  T32S

```

from which the original bearing tree

A juniper, 18 inches diameter, bears N. 10° E., 70 links distance, with scribe marks through a mostly healed blaze.

Rehabilitate the iron post, set 28 inches in the ground, in a mound of stone, 3 ft. base, to top of brass cap.

Corner falls 6 ft. north of a fence line extending east and west, on gentle rolling land, in sagebrush and scattered juniper.

- 40.558** The corner of sections 5 and 6 only, monumented with an iron post 3 inches diameter, firmly set, projecting 16 inches above the ground, with brass cap marked as described in the official record

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY
TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

of the 1910 resurvey.

Remove the marks "S31 and S32" and add the date "2014" to the brass cap.

A lava stone, 12x8x4 inches, marked 5 notches and 1 notch on edges, was found 5 ft. west of the iron post, and deposit it alongside the iron post.

Corner falls 2.8 ft. south of corner of fences extending north and east, on flat ground in sagebrush.

N. 89°05.4' W., on the north boundary of section 6.

- 40.469 The 1/4 section corner of section 6 only, monumented with an iron post, bent 90° to the ground, with no brass cap attached.

The marked stone, a granite stone, 14x8x6 inches, marked 1/4 on face, was found lying loose.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 26 inches in the ground, with aluminum cap marked

1/4 S6
T32SR6W
2014

Deposit the iron post inverted, the marked stone alongside, and buried a magnet at the base of the aluminum post.

Corner falls on gentle rolling land in an old fuels treatment area, with young sagebrush.

N. 89°09.7' W., beginning new measurement.

- 40.439 The corner of sections 6 and 31, Townships 31 and 32 South, Range 6 West, monumented with an iron post, 3 inches diameter, firmly set, projecting 16 inches above the ground, with brass cap marked as described in the official record of the 1910 resurvey. A mound of stone 3 ft. base, 2 ft. high is located to the west.

Corner falls at corner of fences extending north and S. 60° W., on flat ground in sagebrush.

Dependent Resurvey of a Portion of the Subdivisional Lines
Township 32 South, Range 6 West, Salt Lake Meridian, Utah

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

Reestablishment of the Survey Executed by
A.J. Stewart in 1873

From the corner of sections 18 and 19 only, monumented with an iron post, 2 inches diameter, firmly set, projecting 15 inches above the ground, with brass cap marked as described in the official record of the 1910 resurvey.

Corner falls on south edge of deep wash drains southwest, in thick oak brush.

N. 89°58.2' W., between sections 18 and 19.

- 39.846 The 1/4 section corner of sections 18 and 19, monumented with an unrecorded iron post, 1 inch diameter, firmly set, projecting 15 inches above the ground, with a mound of stone, 3 ft. base, 1 ft. high to the north, with brass cap marked

1/4 S18
S19
1910

Rehabilitate the mound of stone, around iron post, 3 ft. base, to top of brass cap.

Corner falls in gentle rolling land in sagebrush and scattered oak brush.

S. 88°22.5' W., beginning new measurement.

- 39.498 The corner of sections 18 and 19 only, on the west boundary of the township, monumented with an iron post, 3 inches diameter, firmly set, projecting 3 inches above a mound of stone, 4 ft. base, with brass cap marked as described in the official record of the 2004 resurvey.
-

Reestablishment of the Survey Executed by A.J. Stewart Jr. in 1873, and the Resurvey Executed by J.R. and Q. Stewart in 1910

From the corner of sections 18 and 19 only.

N. 0°00.9' E., on the east boundary of section 18.

- 1.132 Point for the closing corner of sections 17 and 20, at proportionate distance; there is no remaining evidence of the original corner, not monumented.
- 40.094 The 1/4 section corner of sections 17 and 18, monumented with an iron post, 1 inch diameter, firmly set, projecting 15 inches above the ground, with brass cap marked as described in the official record of the 1910 resurvey, with a mound of stone 3 ft.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

base, 1 ft. high located to the west.

Rehabilitate the mound of stone, around iron post, 3 ft. base, to top of brass cap.

Corner falls on a gradually steep southwest slope in oak brush, piñon, and juniper.

N. 4°37.5' E., beginning new measurement.

- 41.727 The corner of sections 7, 8, 17, and 18, monumented with an iron post, 2 inches diameter, firmly set, projecting 10 inches above the ground, with brass cap marked as described in the official record of the 1910 resurvey, with a mound of stone 3 ft. base, 1 ft. high located to the south.

Rehabilitate the mound of stone, around iron post, 3 ft. base, to top of brass cap.

Corner falls on gentle rolling land in thick oak brush, piñon, and juniper.

Reestablishment of the Survey Executed by
A.J. Stewart Jr. in 1873

S. 89°38.3' W., between sections 7 and 18.

- 40.298 The 1/4 section corner of sections 7 and 18, monumented with remnants of wood post, found in a flat mound of earth and witnessed by dim pits southwest and northwest of corner, 4 ft. distance.

At the corner point

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, flush with ground, with aluminum cap marked

T32SR6W
S7
1/4 —
S18
2014

Deposit the remnants of the wood post alongside and buried a magnet at the base of the aluminum post.

Corner falls on gentle rolling land in piñon and juniper.

S. 86°35.8' W., beginning new measurement.

- 42.630 The corner of sections 7 and 18 only, on the west boundary of the

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 3 inches above the ground, with aluminum cap marked as described in the official record of the 2004 resurvey. A mound of stone, 3 ft. base, 1 ft. high is located to the east, along with a steel fence post alongside.

Corner falls on flat ground in tall thick sagebrush.

Reestablishment of the Survey Executed by A.J. Stewart Jr. in 1873, and the Resurvey Executed by J.R. & Q. Stewart in 1910

N. 1°31.4' E., between sections 7 and 8.

- 40.561 The 1/4 section corner of sections 7 and 8, monumented with an iron post, 1 inch diameter, firmly set, projecting 12 inches above a mound of stone, 2 ft. base, with brass cap marked as described in the official record of the 1910 resurvey.

Corner falls on a slight west slope in bitter brush along with scattered piñon and juniper.

N. 0°05.9' E., beginning new measurement.

- 40.448 Point for the corner of sections 5, 6, 7, and 8, determined by 3-point control, utilizing the 1/4 section corner of sections 5 and 8, the 1/4 section corner of sections 7 and 8, the 1/4 section corner of sections 5 and 6. There was no remaining evidence of the 1910 iron post.

Set an aluminum post, 30 inches long, 2 1/2 inches diameter, 24 inches in the ground, with aluminum cap marked

T32SR6W
S6 | S5
S7 | S8
2014

Found the marked trachyte stone, 14x8x5 inches, loosely set, marked 5 notches on two edges, and deposit alongside.

Raise a mound of stone, 3 ft. base, 1 ft. high, to the west, and buried a magnet at the base of the aluminum post.

Corner falls in old fuel treatment area on gentle rolling land.

From the 1/4 section corner of sections 5 and 8, monumented with an iron post, 1 inch diameter, firmly set, projecting 5 inches above a mound of stone, 3 ft. base, with brass cap marked as described in the official record of the 1910 resurvey.

from which the 1910 bearing trees

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

A juniper, 10 inches diameter, bears S. 70° E., 25 links distance, with scribe marks visible through a mostly healed blaze.

A juniper, partially dead, 14 inches diameter, bears N. 83° W., 20 links distance, scribed 1/4 S5 BT, on an open blaze.

Corner falls on a steep southwest slope in piñon and juniper.

N. 89°55.4' W., between sections 5 and 8

40.121 The corner of sections 5, 6, 7, and 8.

Reestablishment of the Survey Executed by
A.J. Stewart Jr. in 1873

S. 88°40.5' W., between sections 6 and 7.

41.226 Point for the 1/4 section corner of sections 6 and 7, at proportionate distance; there is no remaining evidence of the original corner.

Set an aluminum post, 30 inches diameter, 2 1/2 inches diameter, 22 inches in the ground, with aluminum cap marked

T32SR6W

S6

1/4 —

S7

2014

Set a steel fence post alongside and buried a magnet at the base of the aluminum post.

Corner falls on gentle rolling land in an old fuel treatment area.

83.483 The corner of sections 6 and 7 only, on the west boundary of the township, monumented with an aluminum post, 2 1/2 inches diameter, firmly set, projecting 3 inches above the ground, with aluminum cap marked as described in the official record of the 2004 resurvey, with a steel fence post is located alongside.

Corner falls on flat ground in sagebrush.

Reestablishment of the Survey Executed by A.J. Stewart Jr. in
1873 and the Resurvey Executed by J.R & Q. Stewart in 1910

From the corner of sections 5, 6, 7, and 8.

DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
TOWNSHIP 32 SOUTH, RANGE 6 WEST, SALT LAKE MERIDIAN, UTAH

CHAINS

N. $0^{\circ}03.1'$ E., between sections 5 and 6.

- 40.096 The $1/4$ section corner of sections 5 and 6, monumented with an iron post, 1 inch diameter, firmly set, projecting 16 inches above the ground, with brass cap marked as described in the official record of the 1910 resurvey.

Corner falls on flat ground in sagebrush.

N. $3^{\circ}48.1'$ W., beginning new measurement.

- 37.329 The corner of sections 5 and 6 only, on the north boundary of the township, hereinbefore described.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS


Name	Capacity
Frazier Hansel	Survey Aide
Chris Henry	Survey Aide

CERTIFICATE OF SURVEY

I, *Jeremy D. Davis, Cadastral Surveyor*, HEREBY CERTIFY upon honor, that in pursuance of Special Instructions bearing the date of the *June 20, 2014*, I have *dependently resurveyed a portion of the north boundary, and a portion of the subdivisional lines, in Township 32 South, Range 6 West, of the Salt Lake Meridian, in the State of Utah*, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said Special Instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

January 20, 2016

Date


Cadastral Surveyor

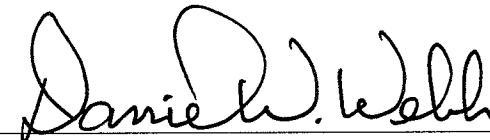
CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Salt Lake City, Utah

The foregoing field notes of the *dependent resurvey of a portion of the north boundary, and a portion of the subdivisional lines, in Township 32 South, Range 6 West, Salt Lake Meridian, Utah*, executed by *Jeremy D. Davis, Cadastral Surveyor*, having been critically examined and found correct, are hereby approved.

February 22, 2016

Date



Chief Cadastral Surveyor for Utah